


SIMPLIFICATION

IBPS Clerk (PRE) Exam 2017

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 Topic: Mathematics UNIT DIGITS By AMIT PANDEY	 Topic: Mathematics To Convert in P by Q form By AMIT PANDEY	 Topic: Vice President of India Qualification Election and Power By VEEN GOYAL	 Topic: Parts of Speech PLURAL By SAJJID AMAN KHAN
 REMAINDER THEOREM - I By AMIT PANDEY	 Parts of Speech : NOUN By SAJJID AMAN KHAN	 10 - 16 April 2017 CURRENT AFFAIRS BULLETIN By Neha Singh	 Topic: President of India Part-I Qualification Election By VEEN GOYAL
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Directions (Q. 1-15): What value should come in place of questions (?) in the following equations ?

1. $2450 \div 7 + 112 \times 2.5 = ? \times 2$

- (A) 300 (B) 315
(C) 325 (D) 330
(E) None of these

2. $\sqrt{1444} + \sqrt{5184} = 22 \times ?$

- (A) 3 (B) 4
(C) 5 (D) 6
(E) None of these

3. 125% of $\frac{7}{6}$ of $x = 84\%$ of 1250

- (A) 550 (B) 630
(C) 680 (D) 720
(E) None of these

4. $\frac{4}{7}$ of $441 \div 18 + 14 = \sqrt{?}$

- (A) 684 (B) 740
(C) 784 (D) 810
(E) None of these

5. $\frac{6}{5}$ of $\frac{7}{8} \times \frac{24}{21}$ of 2425 = ?

- (A) 2910 (B) 3220
(C) 3450 (D) 3870
(E) None of these

6. $(243)^2 \div (27)^2 \times 32 \div 12 = ?$

- (A) 192 (B) 216
(C) 230 (D) 244
(E) 256

7. $\frac{3}{5} \times \frac{20}{9} \times \frac{27}{10}$ of 125 = ?

- (A) 350 (B) 375
(C) 425 (D) 450
(E) None of these

8. $\frac{72}{x} = \frac{x}{128}$, find the value of x .

- (A) 84 (B) 96
(C) 108 (D) 112
(E) None of these

9. 58.33% of 408 + 62.5% of 360 = $18 \times ?$

- (A) 15 (B) 20
(C) 26 (D) 32
(E) None of these

10. $(15\frac{2}{3} + 33\frac{1}{3}) + 18\frac{3}{4} \times 7\frac{3}{15} = ? + 34$

- (A) 150 (B) 164
(C) 175 (D) 210
(E) None of these

11. $544 \div 16 \times 32 - 766 + 224 = ?$

- (A) 342 (B) 424
(C) 546 (D) 625
(E) None of these

12. $333.33 + 33.33 + 13 + 0.33 + 0.03 = ?$

- (A) 380.2 (B) 399.3
(C) 423.3 (D) 455.4
(E) None of these

13. $525 - (13)^2 + 63 = (?)^2 + 95$

- (A) 16 (B) 17
(C) 18 (D) 19
(E) None of these

14. $(52.5 * 18 * 4) \div 9 + 92 = (?)^3$

- (A) 7 (B) 8
(C) 9 (D) 11
(E) None of these

15. $28 \times 2 \times 864 \div \sqrt{2916} = ? + 540$

- (A) 272 (B) 292
(C) 324 (D) 356
(E) None of these

Directions (Q. 16-20) : Find out the approximate value which should replace the question mark (?) in the following questions.

Note: (You are not expected to find out the exact value)

16. $\sqrt{3100} \times \sqrt{567} \div \sqrt{250} = ? \div 8$

- (A) 620 (B) 670
(C) 770 (D) 750
(E) 700

17. 89.988% of 699.9 + 50.002% of 999.99 - 170.015 = ?

- (A) 990 (B) 900
(C) 920 (D) 960
(E) 860

18. $\frac{340}{20.002} \div \frac{29.997}{510} \times \frac{179.909}{59.919} = ?$

- (A) 760 (B) 800
(C) 690 (D) 870
(E) 780

19. $6999 \div 70.005 \times 94.998 = ? \times 19.999$

- (A) 475 (B) 420
(C) 320 (D) 540
(E) 525

20. $7441 \div 34 \times 12 = ? \times 9 + 110$

- (A) 420 (B) 280
(C) 590 (D) 350
(E) 220

Directions (Q. 21-50): What value should come in place of questions (?) in the following equations ?

21. $4200 - 35 \times 2242 \div 59 = ? \times 14$

- (A) 202 (B) 205
(C) 208 (D) 210
(E) Other than these options

22. $49.445 - 26.121 - 8.867 - 0.908 = ?$
 (A) 13.594 (B) 11.528
 (C) 10.118 (D) 14.264
 (E) Other then these option
23. $1224 \times ? = (408)^2$
 (A) 102 (B) 106
 (C) 114 (D) 128
 (E) Other then these options
24. $\sqrt{\sqrt{42849} + \sqrt{54756}} = ?$
 (A) 23 (B) 441
 (C) 313 (D) 205
 (E) Other then these options
25. $88\% \text{ of } 1850 + 35\% \text{ of } 2400 = ? + 758$
 (A) 1710 (B) 1850
 (C) 1620 (D) 1580
 (E) Other then these options
26. $\frac{(23.65)^2 - (48.35)^2}{0.9} = ?$
 (A) -1976 (B) -1864
 (C) -1724 (D) -1684
 (E) None of these
27. $76\% \text{ of } 960 - 45\% \text{ of } 148 = ?\% \text{ of } 5525$
 (A) 15 (B) 20
 (C) 24 (D) 30
 (E) None of these
28. $(4096)^{3.7} \div (256)^{4.3} \times (64)^5 \div (16)^{-4} = (4)^?$
 (A) 22 (B) 24
 (C) 26 (D) 28
 (E) None of these
29. $3\frac{2}{7} \text{ of } 4\frac{4}{11} \text{ of } \frac{3}{35} \text{ of } 3080 = ?$
 (A) 3864 (B) 3948
 (C) 4014 (D) 4124
 (E) None of these
30. $(\sqrt[5]{\sqrt{38416}})^5 = ?$
 (A) 14 (B) 196
 (C) 2744 (D) 38416
 (E) None of these
31. $\frac{12+13 \times 15 - 17}{45 \times 7 - 37 \times 8}$
 (A) 12 (B) 10
 (C) 16 (D) 8
 (E) 15
32. $(\frac{3}{7})^2 \times (\frac{2}{3})^3 \times (\frac{9}{5})^2 \times 175$
 (A) $22\frac{1}{7}$ (B) $30\frac{6}{7}$
 (C) $32\frac{2}{3}$ (D) $36\frac{1}{3}$
 (E) None of these
33. $(32128 + 18372 + 2180) \div 30 = ?$
 (A) 1286 (B) 1336
 (C) 1642 (D) 1756
 (E) 1816
34. $16\% \text{ of } 450 + 35\% \text{ of } 120 = ?$
 (A) 96 (B) 108
 (C) 114 (D) 116
 (E) 124
35. $2.9 \times 8.41 + 9.261 + 18.27 \times 5.0 = ?$
 (A) 64 (B) 125
 (C) 216 (D) 343
 (E) 512
36. $69.39 - 58.46 + 79.98 = ? + 76.92$
 (A) 11.74 (B) 13.99
 (C) 15.69 (D) 17.74
 (E) None of these
37. $40.5 \times 7 \times 4 \div 6 - (8)^2 = (?)^3$
 (A) 5^3 (B) $\sqrt{5}$
 (C) 25 (D) 5
 (E) None of these
38. $\sqrt{12 \times 184 \div 23 + 26 - 73} = ?$
 (A) $\sqrt{7}$ (B) $(7)^2$
 (C) 7 (D) $(49)^2$
 (E) None of these
39. $(13)^2 - (4)^3 - \sqrt{676} + 2 = (?)^2$
 (A) 3 (B) 9
 (C) 81 (D) 27
 (E) 18
40. $(1024 - 362 - 214) \div (786 - 730) = ?$
 (A) 7 (B) 6
 (C) 9 (D) 12
 (E) None of these
41. $31^{11.3} \times 31^{4.7} = 31^{2 \times ?}$
 (A) 8 (B) 32
 (C) 16 (D) 36
 (E) None of these
42. $23\frac{8}{9} + 15\frac{7}{9} - 12\frac{1}{3} \times \frac{2}{3} = ?$
 (A) $30\frac{1}{3}$ (B) $31\frac{1}{3}$
 (C) $30\frac{4}{9}$ (D) $31\frac{4}{9}$
 (E) None of these
43. $6.8 \times 8.8 \times 11.9 - 202.596 = ?$
 (A) 510.5 (B) 509.5
 (C) 508.5 (D) 507.5
 (E) None of these

44. 56% of 616 – ?% of 482 = 103.96

- (A) 40 (B) 52
(C) 45 (D) 50
(E) None of these

45. $\frac{4}{9}$ of $\frac{3}{5}$ of 4500 – $\frac{2}{3}$ of $\frac{1}{7}$ of $\frac{2}{9}$ of 1890 = ?

- (A) 1160 (B) 1180
(C) 1240 (D) 1460
(E) 1280

46. $1\frac{1}{6} - 1\frac{1}{9} + 1\frac{1}{54} = ?$

- (A) $1\frac{1}{54}$ (B) $1\frac{2}{27}$
(C) $1\frac{1}{27}$ (D) $1\frac{5}{54}$
(E) None of these

47. $\frac{96}{16} \times \frac{64}{20} \div \frac{60}{12} = ?$

- (A) $12\frac{1}{5}$ (B) $12\frac{3}{5}$

(C) $12\frac{4}{5}$ (D) $12\frac{2}{5}$

(E) None of these

48. $5566 - 7788 + 9988 = ? + 4444$

- (A) 3223 (B) 3333
(C) 3232 (D) 3322
(E) None of these

49. $56 \times 15 \div 3 - 83 = ? - 139$

- (A) 314 (B) 334
(C) 316 (D) 336
(E) None of these

50. $(6)^4 \div (36)^3 \times 216 = 6^{(?-5)}$

- (A) 4 (B) 6
(C) 7 (D) 1
(E) None of these

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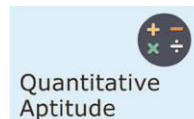


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Quantitative Aptitude

Percentage

Sahil
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Q1. In an examination, 35% students failed in maths, 47% students failed in English while 12% failed in both. If total passed students are 750. Find



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Neha Jaryal
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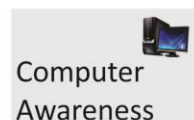


English Language

Adverbs

Manpreet
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An adverb is a word that is used to qualify (or change) the meaning of a verb, an adjective or another adverb. An adverb is also used to qualify a



Computer Awareness

Basic Computer Organization

Dinesh Lohiya
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As we know compute works on the IPO model. IPO stands for Information processing and output.The information processing cycle is